

RTV-1 Silicone Sealants by Crosslinker Type

Acetoxy Type

Alkoxy Type

Oxime Type

Advantages

- Fast cure
- Good Adhesion
- Transparency

- Non-corrosive
- Adhesion to various substrates

- Non-corrosive
- Adhesion to various substrates
- Transparent or opaque
- Very good shelf life
- Formulation flexibility
- Very versatile system cure rates and hardness
- Less sensitive to production variation
- Can be used in low & high modulus systems
- Wide range (Fast/Slow) cure flexibility

Disadvantages

- Corrosive to metals
- Medium Shelf life

- Slow-cure, Reversion
- Poor Shelf-life
- Sensitive to production variables

- Corrosive to Copper

By - Product

(released during cure)

Acetic Acid

Methanol or Ethanol

Oxime (MEKO, MIBKO, Other)

Odor

Strong odor

Low

Slight (MEKO), Strong (MIBKO)

Price

Low

Moderate

Low (MEKO), Moderate (MIBKO, other)